

EMISSION INFORMATION REPORT
in accordance with C.C.R. § 2146 (initial FIR-reference: 2015-Q2)

1.0 Manufacturer's Corporate Name

Daimler, AG ("DAI") and Mercedes-Benz USA, LLC ("MBUSA")

2.0 Description of the Defect:

Submission date: 2015-12-15

Amendment(s): 2016-03-21

Part designation: SCR Temperature Sensor

Part number(s): A 906 470 05 53

Diesel exhaust fluid (DEF) may penetrate the level sensor material and come into contact with the NTC temperature sensor. This may cause the measurement of the temperature to deviate due to silver migration within the sensor. The temperature drift is detected by reference values and checked for plausibility. As a result the MIL is illuminated and the SCR restriction scenario is activated.

3.0 Description of Each Class of Vehicles Potentially Affected

Certain model year 2012 and 2013 Mercedes-Benz vehicles ("subject vehicles") are affected. The table below lists the potentially affected vehicle test groups for the subject vehicles.

MY	Engine Family	MB Vehicle Code	Transm. Config.	Model	CA Sales
2012	CMBXT03.0HD 1	L906DE30 (3,88t HD) L906DE30 (4,53t HD)	L-5	SPRINTER 200CV – SPRINTER 2500PV – SPRINTER3500PV – SPRINTER 3500EV	1,458
<u>2013</u>	<u>DMBXT03.0HD</u> <u>1</u>	<u>L906DE30 (3,88t HD)</u> <u>L906DE30 (4,53t HD)</u>	<u>L-5</u>	<u>SPRINTER 200CV –</u> <u>SPRINTER 2500PV –</u> <u>SPRINTER3500PV –</u> <u>SPRINTER 3500EV</u>	<u>1,483</u>
				Total	<u>2,941</u>

4.1 Number of Vehicles Estimated to be Potentially Affected

The number of potentially affected vehicles is 2,941. DAG estimates that approximately 284 potentially affected vehicles will experience this situation in the field.

4.2 Address of Plants at Which Potentially Affected Vehicles Were Produced

Mercedes-Benz, Ludwigsfelde, Germany
Mercedes-Benz, Duesseldorf, Germany

5.0 Emission and Drivability Impact of Affected Vehicles

Drivability is not affected by this situation.

Permanent low ambient temperatures below 11.3 °F (-11.5°C) may cause the medium in the DEF tank to freeze. In this case the buildup of the pressure for the DEF supply is disabled which may lead to NOx standards being exceeded. This situation is detected by the OBD. The MIL is illuminated and the SCR restriction scenario is activated, limiting the possible remaining engine starts (analogous to a system behaviour caused by an empty AdBlue tank).

6.0 Emission Data

No emission tests were performed.